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Rev. 1/26/2006 This is an exper	rimental format Please gi	ve suggestions or commen	ts to Jeff Harrison	EE 4760 2000
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e Only Biokal Clarea Phone: 577-272-343 Location: STIC-EIC2800, JEF-4B68 rocher Picked Up: 6/27/06	Type of Search Structure (#) Bibliographic Litigation Fulltext	Vendors STN	r specific face nyms, keyword else that helps	ts defining the ls, acronyms, to describe the

1:44 Tue, 27 Jun 2006, 1:54:05 PM EST

Search Query Display



Recent	t Search Queries	Results
<u>#1</u>	(((((internal* or intrinsinc*) <near 3="">(stress* or strain*)) <in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2001)</and></and></in></near>	894
<u>#2</u>	((((((internal* or intrinsinc*) <near 3="">(stress* or strain*)) and (whisker* growth))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2001)</and></and></in></near>	0
<u>#3</u>	((((((internal* or intrinsinc*) <near 3="">(stress* or strain*)) and (whisker*))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2001)</and></and></in></near>	0
<u>#4</u>	((((((internal* or intrinsinc*) <near 3="">(stress* or strain*)) and (tin or metal* or alloy*))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2001)</and></and></in></near>	231
<u>#5</u>	((((((internal* or intrinsinc*) <near 3="">(stress* or strain*)) and (tin or metal* or alloy*) and (grain size))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2001)</and></and></in></near>	10
<u>#6</u>	((((((internal* or intrinsinc*) <near 3="">(stress* or strain*)) and (tin or metal* or alloy*) and (grain size))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2001)</and></and></in></near>	10

Tue, 27 Jun 2006, 2:16:51 PM EST

Search Query Display

Recent Search Queries

Results

#1 ((((whisker* growth))<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2001)

9

1:12

Page 1 of 1

09/887827

Results for search query

All = ("internal*" OR "intrinsic*") AND ("stress*" OR "strain*") AND ("metal*" OR "tin" OR "alloy*") AND ("whisker")

From Jan 1960 To Jun 2006

All = ("whisker*" AND "growth") AND ("tin*" OR "alloy*")

From Jan 1960 To Jun 2001

Research Disclosure - Search Results

1 Disclosures found

Results for search query

All = ("whisker*" AND "growth")

From Jan 1960 To Jun 2001

2 Disclosures found

6/27/2006 4:14:48 PM 6/27/2006 3:37:27 PM

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[File 2] INSPEC 1898-2006/Jan W2
[File 6] NTIS 1964-2006/Jan W4
[File 8] Ei Compendex(R) 1970-2006/Jan W4
[File 34] SciSearch(R) Cited Ref Sci 1990-2006/Jan W4
[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec
[File 35] Dissertation Abs Online 1861-2006/Jan
[File 65] Inside Conferences 1993-2006/Jan W5
[File 94] JICST-EPlus 1985-2006/Nov W3
[File 99] Wilson Appl. Sci & Tech Abs 1983-2006/Apr
[File 144] Pascal 1973-2006/Jan W2
[File 23] CSA Technology Research Database 1963-2006/Jan
[File 103] Energy SciTec 1974-2006/Jan B1
[File 31] World Surface Coatings Abs 1976-2006/Jan
[File 95] TEME-Technology & Management 1989-2006/Jan W5
[File 68] Solid State & Superconductivity Abstracts 1966-2006/Jan
[File 60] ANTE: Abstracts in New Tech & Engineer 1966-2006/Jan
[File 293] Engineered Materials Abstracts 1966-2006/Jan
[File 239] Mathsci 1940-2005/Feb
[File 256] TECINFOSOURCE 82-2005/DEC
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Items Description
6149581 S (METAL????? OR SOLID OR HARD????? OR RIGID????) (3N) (COAT???? OR LAYER???? OR **S1** FILM??? OR FINISH???? OR LAMINA????? OR OVERLAY????? OR OVER()LAYER????? OR SHEET????) OR METAL?????

4405276 S (TENSILE OR DUCTILE OR STRETCH????? OR WORK????? OR MALLEABLE OR FLEX?????) (3N) (STRESS????? OR STRAIN???? OR PRESSUR????????? OR STRENGTH??????) OR TENSILE OR STRESS???? OR STRAIN?????

8921626 S INTRINSIC???? OR BUILTIN OR BUILT() IN OR INBUILT OR IN() BUILT OR CONSTITUT?????? OR INHERENT??? OR INTEGRA????? OR UNDERLY???? OR UNDER()LY??? OR INTERNAL???? OR RESIDENT???? OR INCORPORAT???? OR INSIDE? ? OR (INTERNAL???? OR INTRINSIC)(2N)(STRESS???? OR STRAIN????)

16374913 S GRAIN????(3N)(THICK?????? OR SIZE? ? OR DIMENSION? ?) OR THICK?????? OR SIZE? ? OR DIMENSION????? OR RANGE? ? OR PROPORTION????? OR RATIO? ?

22755 S UNDERLAYER????? OR UNDERCOAT???? OR UNDERPLAT???? OR UNDERCOVER???? OR UNDER()(LAYER???? OR COAT??? OR PLAT??? OR FINISH???? OR COVER????)

2883410 S WHISKER???? OR FILAMENT? ? OR HAIR???? OR HAIRLIKE OR HAIR()LIKE OR STRAND? ? OR FIBER? ? OR FIBRE? ? OR FRAGMENT?????

5470571 S NICKEL OR NI OR NICKEL(2N)ALLOY???? OR COBALT OR CO OR COBALT(2N)ALLOY???? OR IRON OR FE OR IRON(2N)ALLOY??? OR TIN OR SN OR TIN(2N)ALLOY????

2552 S (INHIBIT????? OR PREVENT?????? OR STOP???? OR SUPPRES?????? OR ATTENUAT????? OR ELIMINAT????? OR MINIMI????????? OR DECREAS?????? OR REDUC??????? OR LOWER???? OR HINDER??????? OR QUENCH????) (3N) WHISKER???????

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S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7
S9
            2 RD (unique items)
S10
                S S1 AND S2 AND S3 AND S4 AND S5 AND S7 AND S8
S11
            4
               RD (unique items)
S12
               S S2 AND S3 AND S4 AND S6 AND S7
S13
         1745
                S S13 AND S8
S14
          17
                RD (unique items)
S15
           14
                S S15 AND PY<=2001
S16
               S TIN(5N)(STRESS?????? OR STRAIN????)
         4709
S17
                S S17 AND S8
S18
           26
               S S18 AND S3
S19
           10
               RD (unique items)
S20
               S S20 AND PY<=2001
S (INTERNAL???? OR INTRINSIC?????) (3N) (STRESS????? OR STRAIN????)
S21
            2
       121473
S22
               S S22 AND S8
S23
           51
               S S23 AND S2
           51
S24
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6/27/2006 4:14:48 PM 6/27/2006 3:37:27 PM

S25	1	S S24 AND S5
S26	22	S S24 AND S1
S27	17	RD (unique items)
S28	11	S S27 AND PY<=2001
S29	0	S S12 NOT S10
S30	7	S \$16 NOT (\$10 OR \$12)
S31	2	S S21 NOT (S10 OR S12 OR S16)
S32	1	S S25 NOT (S10 OR S12 OR S16 OR S21)
S33	7	S S28 NOT (S10 OR S12 OR S16 OR S21 OR S25)

6/27/2006 4:40:44 PM 6/27/2006 5:00:39 PM

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[File 344] Chinese Patents Abs Jan 1985-2006/Jan
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- [File 347] JAPIO Nov 1976-2005/Sep(Updated 060103)
- [File 350] Derwent WPIX 1963-2006/UD,UM &UP=200607
- [File 371] French Patents 1961-2002/BOPI 200209

Set

- Items Description
 2639870 S (METAL????? OR SOLID OR HARD????? OR RIGID????) (3N) (COAT???? OR LAYER???? OR FILM ??? OR FINISH ???? OR LAMINA ????? OR OVERLAY ????? OR OVER() LAYER ????? OR SHEET ????) OR METAI.22222
- 504666 S (TENSILE OR DUCTILE OR STRETCH????? OR WORK????? OR MALLEABLE OR FLEX?????) (3N) (STRESS????? OR STRAIN???? OR PRESSUR????????? OR STRENGTH??????) OR TENSILE OR STRESS???? OR STRAIN?????
- 4081146 S INTRINSIC???? OR BUILTIN OR BUILT() IN OR INBUILT OR IN() BUILT OR CONSTITUT?????? OR INHERENT??? OR INTEGRA????? OR UNDERLY???? OR UNDER()LY??? OR INTERNAL???? OR RESIDENT???? OR INCORPORAT???? OR INSIDE? ? OR (INTERNAL???? OR INTRINSIC)(2N)(STRESS???? OR STRAIN????)
- 4070670 S GRAIN????(3N)(THICK?????? OR SIZE? ? OR DIMENSION? ?) OR THICK?????? OR SIZE? ? OR DIMENSION????? OR RANGE? ? OR PROPORTION????? OR RATIO? ?
- 28643 S UNDERLAYER????? OR UNDERCOAT???? OR UNDERPLAT???? OR UNDERCOVER???? OR UNDER()(LAYER???? OR COAT??? OR PLAT??? OR FINISH???? OR COVER????)
- 1256678 S WHISKER???? OR FILAMENT? ? OR HAIR???? OR HAIRLIKE OR HAIR()LIKE OR STRAND? ? OR FIBER? ? OR FIBRE? ? OR FRAGMENT?????
- 1337403 S NICKEL OR NI OR NICKEL(2N)ALLOY???? OR COBALT OR CO OR COBALT(2N)ALLOY???? OR IRON OR FE OR IRON(2N)ALLOY??? OR TIN OR SN OR TIN(2N)ALLOY????
- 24695 S IC=(H01L-023/495 OR B32B-015/01 OR C25D-003/12 OR C25D-003/30 OR C25D-003/56 OR C25D-003/60 OR C25D-005/10 OR C25D-005/12 OR C25D-005/34 OR C25D-007/00)
- 26991 S MC=(U11-D03A1A OR V04-D01 OR U11-C05C6 OR U11-D03B3)
- 3 S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S7 S10
- S (INHIBIT????? OR PREVENT?????? OR STOP???? OR SUPPRES?????? OR ATTENUAT????? OR S11 721 ELIMINAT????? OR MINIMI????????? OR DECREAS?????? OR REDUC?????? OR LOWER???? OR HINDER??????? OR QUENCH????) (3N) WHISKER???????
- S S1 AND S2 AND S3 AND S4 AND S5 AND S6 AND S11 S12
- S S2 AND S3 AND S4 AND S5 AND S11 S13
- S TIN(3N) (STRESS???? OR STRAIN?????) S14 77
- S S14 AND S8 S15
- **S**16 S S14 AND S9
- S17 S S14 AND S11
- S S14 AND S5 S18 1
- **S19** S S12 NOT S10 S S13 NOT (S10 OR S12) S20
- S S15 NOT (S10 OR S12 OR S13) S21
- S S16 NOT (S10 OR S12 OR S13 OR S15) S22
- S S17 NOT (S10 OR S12 OR S13 OR S15 OR S16) S23
- 1 S S18 NOT (S10 OR S12 OR S13 OR S15 OR S16 OR S17) S24

12:30 p. m.

Search query: ((coat* or layer* or tin or alloy*) w/3 metal) and ((internal or intrinsic) w/3 (stress* or

strain*))

Language: English
Published 6-22-2001

Before:

Page 1 of 1

Search query: (internal stress*) and (metal* or tin or alloy*)

Language: English

Published Before: 6-22-2001 (Original publication date)

Search query: (internal stress*) and (whisker* or hair* or strand* or fiber*)

Language: English

Published Before: 6-22-2001 (Original publication date)

(FILE 'HOME' ENTERED AT 14:37:06 ON 27 JUN 2006)

F . --- 3

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FILE 'CAPLUS' ENTERED AT 14:37:23 ON 27 JUN 2006
            29551 SEA ABB=ON PLU=ON (INTERNAL##### OR INTRINSIC##### OR
L1
                    INHERENT####### OR INSIDE OR WITHIN) (3A) (STRESS####### OR
                    STRAIN###### OR TENSILE)
          3088840 SEA ABB=ON PLU=ON METAL###### OR ALLOY###### OR TIN OR SN 1010260 SEA ABB=ON PLU=ON WHISKER#### OR FILAMENT###### OR FIBRE OR
L2
. L3
                    FIBER OR HAIR####### OR HAIR LIKE OR STRAND####### OR
                    MICROFIBER OR MICROFIBRE
               492 SEA ABB=ON PLU=ON L1 AND L2 AND L3
21 SEA ABB=ON PLU=ON L4 AND (GRAIN(3A)(SIZE OR THICKNESS######
L4
L5
                    OR DIMENSION#######))
                20 SEA ABB=ON PLU=ON L5 AND PY<=2001
L6
                20 DUP REM L6 (0 DUPLICATES REMOVED)
L7
          3377411 SEA ABB=ON PLU=ON COAT###### OR FILM##### OR LAYER########
L8
                    OR COVER####### OR COVER(W) LAYER OR OVERLAY#########
                20 SEA L7
L9
                 6 SEA ABB=ON PLU=ON L9 AND L8
L10
                    D L10 1-6 IBIB ABS
                14 SEA ABB=ON PLU=ON L9 NOT L10
L11
                    D L11 IBIB ABS 1-14
               469 SEA ABB=ON PLU=ON L1(3A)L3
84 SEA ABB=ON PLU=ON L12 AND L8
2 SEA ABB=ON PLU=ON L13 AND L5
L12
L13
L14
                    D L14 IBIB ABS 1-2
      FILE 'CAPLUS' ENTERED AT 15:09:39 ON 27 JUN 2006
             1424 SEA ABB=ON PLU=ON TIN(5A) (STRESS OR STRAIN)
144 SEA ABB=ON PLU=ON L15 AND L3
49 SEA ABB=ON PLU=ON L16 AND L8
L15
L16
L17
                49 DUP REM L17 (0 DUPLICATES REMOVED)
L18
                49 SEA L18
L19
                26 SEA ABB=ON PLU=ON L19 AND PY<=2001
L20
                O SEA ABB=ON PLU=ON L20 AND L5
26 SEA ABB=ON PLU=ON L20 NOT (L9 OR L14)
L21
L22
                    D L22 IBIB ABS 1-26
FILE 'STNGUIDE' ENTERED AT 15:13:34 ON 27 JUN 2006
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